

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(49535B)	Hex(596975)	Hex(494A5B)	Hex(292C2E)	Hex(003D6E)	Hex(0085ED)
Hex(49535B)		Ratio: 1.39 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(596975)	Ratio: 1.39 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(494A5B)	Ratio: 1.11 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(292C2E)	Ratio: 1.79 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(003D6E)	Ratio: 1.41 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.95 Failed ⁵
Hex(0085ED)	Ratio: 2.09 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 2.95 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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